

Title (en)
IMAGE BASED RENDERING FOR AR - ENABLING USER GENERATION OF 3D CONTENT

Title (de)
BILDBASIERTE DARSTELLUNG FÜR ERWEITERTE REALITÄT - ERMÖGLICHUNG EINER BENUTZERERZEUGUNG VON 3D-INHALT

Title (fr)
RENDU À BASE D'IMAGE POUR AR - PERMETTANT À L'UTILISATEUR LA GÉNÉRATION D'UN CONTENU EN 3D

Publication
EP 2546806 A2 20130116 (EN)

Application
EP 12175950 A 20120711

Priority
• EP 11173488 A 20110711
• EP 12175950 A 20120711

Abstract (en)
The present invention relates to an augmented reality system and a method of augmented reality, and in particular to an augmented reality system and a method of augmented reality allowing for measurement, 3D modeling and visualization of real world objects. The method for generating a 3D model representation of a real-world object comprises the steps of: obtaining a picture of a real-world object together with a marker, the object and the marker being embedded in a real scene; detecting the marker in the picture; measuring the dimensions of a selected sector in 3D using the information provided by the marker detected in the second step; creating a 3D model representation of the real-world object.

IPC 8 full level
G06T 15/20 (2011.01); **G06T 17/00** (2006.01); **G06T 19/00** (2011.01)

CPC (source: EP)
G06T 15/205 (2013.01); **G06T 17/00** (2013.01); **G06T 19/006** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2546806 A2 20130116; EP 2546806 A3 20170628; EP 2546806 B1 20190508

DOCDB simple family (application)
EP 12175950 A 20120711